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MANIPAL UNIVERSITY

MS (OPHTHALMOLOGY) DEGREE EXAMINATION – OCTOBER 2008

SUBJECT: PAPER I: APPLIED BASIC SCIENCES

Monday, October 06, 2008

Time: 3 Hrs.

Max. Marks: 100

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- ✍ Answer all the questions.
 - ✍ Write answers that are brief, clear, relevant and legible.
 - ✍ Illustrate your answers with neatly drawn and correctly labelled diagrams wherever appropriate.

1. Discuss the anatomy of ciliary body in detail and add a note on physiology of aqueous humor production.

(30 marks)

2. Describe the pupillary reflex. Discuss pupillary abnormalities.

(30 marks)

3. Write short notes on:

3A. Latanoprost.

3B. Limbal Stem Cells.

3C. Strum's conoid.

3D. Histological classification of melanoma.

(40 marks)



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MANIPAL UNIVERSITY

MS (OPHTHALMOLOGY) DEGREE EXAMINATION – OCTOBER 2008

SUBJECT: PAPER II: DISEASES OF THE ANTERIOR SEGMENT AND ADNEXA, SQUINT AND PAEDIATRIC OPHTHALMOLOGY

Tuesday, October 07, 2008

Time: 3 Hrs.

Max. Marks: 100

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- ✍ **Answer all the questions.**
 - ✍ **Write answers that are brief, clear, relevant and legible.**
 - ✍ **Illustrate your answers with neatly drawn and correctly labelled diagrams wherever appropriate.**

1. Discuss the signs, symptoms and management of alkali burns of the cornea. (30 marks)

2. Explain how you would investigate a case of acute iridocyclitis. (30 marks)

3. Write short notes on:

3A. Rollable IOL's.

3B. Anomalous Retinal Correspondence.

3C. Giant papillary conjunctivitis.

3D. Visco canalostomy.

(10×4 = 40 marks)



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MS (OPHTHALMOLOGY) DEGREE EXAMINATION – OCTOBER 2008

SUBJECT: PAPER III: POSTERIOR SEGMENT, ORBIT AND OPHTHALMIC SURGERIES

Thursday, October 09, 2008

Time: 3 Hrs.

Max. Marks: 100

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- ✍ Answer all the questions.
 - ✍ Write answers that are brief, clear, relevant and legible.
 - ✍ Illustrate your answers with neatly drawn and correctly labelled diagrams wherever appropriate.

1. Describe in detail LASIK and its complications. (30 marks)

2. Discuss the types of retinal detachment and what is the Lincoff's Rule of finding a retinal hole. (30 marks)

3. Write short notes on:

3A. Amslers grid.

3B. CMV retinitis.

3C. Silicon oil.

3D. Retinopathy of Prematurity.

(40 marks)



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MS (OPHTHALMOLOGY) DEGREE EXAMINATION – OCTOBER 2008

SUBJECT: PAPER IV: SYSTEMIC OPHTHALMOLOGY, COMMUNITY
OPHTHALMOLOGY, NEUROOPHTHALMOLOGY AND RECENT ADVANCES

Friday, October 10, 2008

Time: 3 Hrs.

Max. Marks: 100

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- ✍ **Answer all the questions**
 - ✍ **Write answers that are brief, clear, relevant and legible.**
 - ✍ **Illustrate your answers with neatly drawn and correctly labelled diagrams wherever appropriate.**

1. Discuss the ocular manifestations of HIV infection in detail.
(30 marks)

2. Describe the anatomy and blood supply of chiasma and discuss the clinical features, field defects and management of pituitary adenoma.
(30 marks)

3. Write short notes on:
 - 3A. Congenital toxoplasmosis.
 - 3B. Horner's syndrome.
 - 3C. Laurant-Moon-Beidel Syndrome.
 - 3D. Ocular nystagmus.(10×4 = 40 marks)

